Serial No. 09/629,320   Attorney Docket No. PF02024NA
Amdt. dated April 19, 2004
Reply to Office Action of December 17, 2003

Amendments to the Claims:

1.   (Currently Amended) A context-sensitive data announcing device comprising

an ad hoc network interface configured to receive a plurality of announcements

identifying a plurality of members of an ad hoc network;

a database comprising information regarding each of the plurality of members;

a processor configured to extract the information regarding the plurality of members from

the database using the identifying plurality of announcements and to identify members within a

certain proximity; and

a user output device for outputting ~~concurrently~~ the information regarding the ~~plurality of~~

members identified to be within the certain proximity, the information including an identity of a

person associated with each of the plurality of members.

2.   (Canceled).

3.   (Previously Presented) The device of claim 1 wherein the user output device outputs

concurrently the information regarding the plurality of members in the order the announcements

were received.

4.   (Previously Presented) The device of claim 1 wherein

the information regarding an urgent member comprises an urgent designation; and

the user output device outputs concurrently the information regarding the urgent member

before information regarding at least some of the other members of the plurality of members.

Page 2 of 12

5.   (Previously Presented) The device of claim 1 wherein the processor is configured to

extract the information regarding the plurality of members that are proximate to the device.

6.   (Previously Presented) The device of claim 5 wherein the processor is configured to

determine the proximity of the plurality of members using a signal strength provided by the

network interface.

7.   (Original) The device of claim 5 wherein the processor is configured to determine the

proximity of a member using the number of hops among members the announcement associated

with the member made before being received by the ad hoc network interface.

8.   (Original) The device of claim 1 wherein the ad hoc network interface uses one of radio

frequency communications, optical communications, or wired communications.

9.   (Previously Presented) The device of claim 1 wherein the user output device comprises

one of a vibrating mechanism, an audio output, or a visual output.

10.   (Currently Amended) A method for an announcing member of an ad hoc network to

announce the presence of one or more members of the ad hoc network, the method comprising

       receiving an identifying announcement from a plurality of members of the ad hoc

network;

       accessing a database using the plurality of identifying announcements to retrieve

information regarding each of the plurality of members of the ad hoc network from which an

announcement was received;

       identifying members within a certain proximity; and

       outputting ~~concurrently~~ the information regarding the ~~plurality of~~ members identified to

be within the certain proximity to a user output device, the information including an identity of a

person associated with each of the plurality of members.

11.   (Canceled)

12.   (Currently Amended) The method of claim 10 ~~11~~ wherein outputting concurrently the

information includes outputting concurrently the information in the order received.

13.   (Currently Amended) The method of claim 10 ~~11~~ wherein outputting concurrently the

information includes raising an urgent identifying announcement to output above information

regarding at least one other member of the plurality of members.

14.   (Original) The method of claim 10 further comprising

determining the proximity to the announcing member of each of the members of the ad

hoc network from which the announcing member received an announcement; and

outputting comprises outputting only the identifying data for members of the ad hoc

network that are proximate to the announcing member.

15.   (Original) The method of claim 14 wherein

the announcements hop among members of the ad hoc network in order to reach the

announcing member and wherein

determining the proximity comprises counting the hops an announcement made before

reaching the announcing member.

16.   (Original) The method of claim 14 further comprising

measuring the signal strength of each received identifying announcement; and wherein

determining the proximity comprises comparing the signal strength of each received

identifying announcement to a threshold.

17.   (Original) The method of claim 10 further comprising building the database.

18.   (Previously Presented) The method of claim 17 wherein building the database comprises

extracting new information from the plurality of identifying announcements; and

storing the new information in the database.

Attorney Docket No: PF02024NA

19.   (Original) The method of claim 17 wherein building the database comprises

retrieving new information from a database external to the announcing member; and

storing the new information in the database.

Page 6 of 12

20.   (Currently Amended) A system for identifying members of an ad hoc network, the

system comprising

communicators, associated with a plurality of source members and a display member, for

communicating announcements regarding the source members between the source members and

the display member;

a database comprising information regarding the source members;

a processor configured to access the database using the announcements to produce

accessed information and to identify members within a certain proximity; and

an output associated with the display member for outputting concurrently the accessed

information regarding the plurality of source members identified to be within the certain

proximity, the accessed information including an identity of a person associated with each source

member.

21.   (Original) The system of claim 20 wherein the processor is configured to access the

database for only those source members that are proximate to the display member.

Page 7 of 12

22.   (Previously Presented) The system of claim 21 wherein

an announcement passes through at least one communicators as it travels from the source

members to the display member; and

the processor is configured to determine the proximity of a source member to the display

member based on the number of communicators the announcement passed through between the

source member and the display member.

23.   (Previously Presented) The system of claim 21 further comprising

a plurality of signals for carrying the announcements between the source members and the

display member;

a signal strength measurer associated with the display member, the signal strength

measurer producing a signal strength for each signal received from a source member; and

wherein

the processor is configured to determine the proximity of the source members to the

display member using the respective signal strengths.

24.   (Original) The system of claim 20 wherein the output displays the accessed information

for the source members in the order that the announcements were received from the respective

source members.

Page 8 of 12

Serial No. 09/629,320   Attorney Docket No. PF02024NA
Amdt. dated April 19, 2004
Reply to Office Action of December 17, 2003

25.   (Original) The system of claim 20 wherein

the accessed information for each source member has an associated urgency, the urgency

having an order; and

the output displays the accessed information for the source members in the order of

urgency.

26.   (Original) The system of claim 20 wherein the processor is associated with the display

member.

27.   (Original) The system of claim 20 wherein the database is associated with the display member.

28.   (Previously Presented) The device of claim 1 wherein the user output device outputs

concurrently the information regarding the plurality of members in order of proximity to the announcing

device.

29.   (Previously Presented) The method of claim 10 wherein outputting concurrently the

information includes outputting concurrently the information in order of proximity to the

announcing member.

30.   (Previously Presented) The system of claim 20 wherein the output associated with the

display member outputs concurrently the accessed information regarding the plurality of

members in order of proximity to the display member.

Page 9 of 12